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ABSTRACT

This report describes faculty teaching load for fall 1976 in the Hawaii community college system as measured in terms of average semester hours taught, average hours in contact with students, and class size. The data used in generating this report were based on students registered in regular credit programs in Hawaii community colleges. A general increase in the number of courses, classes, and semester hours was noted at all campuses, due in part to the greater number of courses scheduled on a modular (short-term) basis. Average class size was smaller at most of the colleges. Faculty teaching figures indicated: a generally heavier workload in terms of average semester hours taught by instructors compared to 1975; a generally heavier workload in terms of weekly instructor contact hours compared to 1974; a decline in productivity ratios for the system compared to 1975; and an unchanged faculty/student ratio of 1:23 for the system. Decline in productivity ratios and average class size are attributed to lighter credit loads carried by both full- and part-time students and the greater proportion of part-time students. Tabular data on courses, classes, semester hours, contact hours, class size by program, average semester and contact hours taught, productivity, and faculty/student ratios are included for each college and for the system. (JDS)

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FACULTY TEACHING LOAD
COMMUNITY COLLEGES
FALL 1976

Introduction

Faculty teaching load has long been a topic of vital interest to all concerned with education since it is so closely associated with cost and quality factors. As in the past, this report describes only one aspect of the instructor's workload: teaching load, i.e., the actual classroom situation as measured in terms of average semester hours taught, average hours in contact with students, class size, etc. (The total workload of the instructor would include many other professional activities such as responding to various community requests, engaging in departmental research, advising students, attending faculty committee meetings, etc.)

Sources of Data

SIS Computer Report 3010 and 3011 series (Course Registration Reports), which provide raw and summary data on faculty-student workload based on student credit hours were used as the primary documents for this report. (Data for these reports were abstracted from students' class registration data.) Computer reports 3030 (Schedule of Classes list) and Faculty-Staff Information System (FSIS) reports were used as reference points. Standard form 5Bs (personnel transaction forms) in the Chancellor's office were used to obtain a count on full-time equivalent faculty for staff on overload and for lecturers. The deans of instruction and/or the registrars of the colleges were also consulted for certain information.

Population Included

The information for this report is based on registration data including the following groups of students registered in the regular credit programs in seven community colleges: classified and unclassified students, early admittees, concurrent registrants, and other special students whose registration records are processed through the SIS. All computer reports are as of early October. The data have been "updated" since and where possible, certain changes have been made.

Adjustments

Equivalent credits were established for classes with variable credits. The methodology differed, however, depending upon the kind of classes under consideration, e.g., directed studies, cooperative education, etc. (See Appendix A, Definitions.)

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Highlights

1. A general increase in the number of courses, classes and semester hours is noted at all campuses. However, registration count and student semester hour (SSH) declined at four campuses. (Table I)

    a. The latter largely reflects a greater proportion of part-time students and a leveling off or a decline in enrollment.

    b. As has been true in the past, the increases in the number of classes reflect a greater number of classes scheduled on modular (short-term) segments in some instances.

2. The number and proportion of classes with 10 or fewer students increased for the system and at several colleges. (Table II)

    a. Systemwide, the 172 "low enrollment" classes is 51 (42%) more than the 121 reported last fall.

    b. Many of these small classes are held regardless of low enrollment because of graduation requirements, facility limitations, and accreditation requirements especially in the health services, etc.

3. Average class sizes are slightly smaller at most of the colleges. As in the past, average class sizes in general education courses are larger (28 students) than those in vocational education courses (25 students). Average class sizes vary by campus: from 19-32* (Table III).

4. Faculty teaching figures indicate (Table IV):

    a. A generally heavier workload in terms of average semester hours taught by instructors: 13.3 for the system, 12.6-13.8 by campus. (Comparable figures for fall 1975: 13.1 for the system, 11.8-13.7 for the colleges.)

    b. A generally heavier workload also in terms of weekly instructor contact hours: 16.7 for the system, 13.2-18.6 by campus. (Comparable figures for fall 1974: 16.4 for the system, 13.8-18.8 by campus. Data not available for fall 1975.)

    c. A decline in productivity ratios for the system and at three colleges: 347, system 253-402, by campus. (Last fall's: 355, system; 274-415 by campus.)

    d. Faculty/student ratio remains the same for the system 1:23. The figures range from 1:16-1:27 by campus.

*John Lombardi's study on faculty workload indicates that generally average class sizes fluctuate between 25-60 with 35 as the average. John Lombardi, Faculty Workload, Topical Paper No. 46, California University, L.A., ERIC Clearinghouse for Junior College Information; National Institute of Education (DHEW) Washington, D. C. October 1974, pp. 18 and 19.

5. The full-time equivalency (FTE) count of instructors engaged in teaching credit courses this fall is 658.4 about 11 FTE more than last fall. The headcount of instructors totals 1,048, 33 more than the 1,015 reported in fall 1975. (Table V)

Summary

Instructor's teaching load is heavier in terms of average semester hours taught and average class contact hours. However, reflecting the lighter credit load carried this fall by both full- and part-time students and the greater proportion of students enrolled as part-time students, there is a decline in productivity ratios and average class sizes.

TABLE I
COURSES, CLASSES, SEMESTER & CONTACT HOURS
COMMUNITY COLLEGES
FALL 1972-1976

Note: System totals are not comparable between 1975 and previous years. Data on Hawaii Community College were included for the first time in fall 1975.

College and Year	Courses	Classes	Semester Hours	Student Registrations	Student Sem Hours	Contact Hours Instructor	Contact Hours Student
TOTAL							
1972	1,030	1,959	5,810	53,573	156,784	7,119	186,441
1973	1,083	2,074	6,032	57,582	166,763	7,530	198,096
1974	1,275	2,276	6,550	61,868	176,510	8,084	210,502
1975	1,653	2,805	8,473	78,948	229,573	NA	
1976	1,777	2,958	8,740	79,334	228,683	11,010	273,592
HAWAII							
1975	238	283	1,002	6,820	21,353	NA	
1976	262	302	1,023	6,960	22,055	1,333	27,234
HONOLULU							
1972	242	395	1,259	10,164	31,320	1,694	39,822
1973	283	458	1,429	10,782	33,676	1,932	44,923
1974	319	484	1,553	12,322	38,951	2,121	51,598
1975	349	554	1,774	14,795	47,185	NA	
1976	345	579	1,880	16,047	50,318	2,494	70,200
KAPIOLANI							
1972	201	401	1,267	13,271	40,412	1,742	51,878
1973	199	435	1,270	15,072	44,034	1,775	53,324
1974	270	544	1,471	15,754	42,303	1,946	52,976
1975	300	573	1,600	17,916	48,285	NA	
1976	317	584	1,619	18,461	49,678	2,292	58,451
KAUAI							
1972	111	136	439	3,290	10,242	561	12,913
1973	101	133	441	3,344	10,165	581	12,637
1974	136	157	493	3,486	9,950	663	12,713
1975	178	191	547	4,451	11,940	NA	
1976	199	225	599	4,355	11,360	773	13,712
LEEWARD							
1972	262	654	1,912	18,376	53,933	2,056	58,340
1973	260	665	1,886	19,176	55,393	2,083	60,199
1974	279	690	1,970	20,744	59,625	2,157	64,010
1975	298	776	2,294	24,239	71,054	NA	
1976	321	817	2,326	23,226	66,339	2,599	70,865
MAUI							
1972	191	295	698	6,697	15,512	831	18,123
1973	169	267	669	6,363	15,136	815	18,558
1974	189	264	656	6,001*	14,857*	780	18,093
1975	201	264	765	6,787	17,813	NA	
1976	226	275	795	6,368	17,426	997	21,125
WINDWARD							
1972	23	78	235	1,775	5,365	235	5,365
1973	71	116	337	2,845	8,359	345	8,455
1974	82	137	407	3,561	10,824	417	11,112
1975	89	164	491	3,940	11,943	NA	
1976	107	176	498	3,917	11,507	522	12,005

*An additional 34 students' registration data for fall 1974 were not processed in time for the SER computer reports. Including the workload generated by these students, the totals would have been: Total SSH, 15,054; Registration Count, 6,092 students.

TABLE II
CLASSES WITH TEN OR FEWER STUDENTS
COMMUNITY COLLEGES
FALL 1972 - 1976

Note: System totals are not comparable between 1975 and previous years. Data on Hawaii Community College were included for the first time in fall 1975.

College & Year	No. of Classes	Classes with Ten or Fewer Students	
		No.	H%
TOTAL			
1972	1,959	96	4.9
1973	2,074	123	5.9
1974	2,276	161	7.0
1975	2,805	121	4.3
1976	2,958	172	5.8
HAWAII			
1975	283	15	5.3
1976	302	22	7.3
HONOLULU			
1972	395	14	3.5
1973	458	40	8.7
1974	484	37	7.6
1975	554	13	2.3
1976	579	12	2.1
KAPIOLANI			
1972	401	12	2.9
1973	435	14	3.2
1974	544	37	6.8
1975	573	31	5.4
1976	584	31	5.3
KAUAI			
1972	136	7	5.1
1973	133	13	9.8
1974	157	27	17.1
1975	191	11	5.8
1976	225	32	14.2
LEEWARD			
1972	654	39	5.9
1973	665	29	4.4
1974	690	25	3.6
1975	776	23	3.0
1976	817	45	5.5
MAUI			
1972	295	20	6.7
1973	267	25	9.3
1974	264	33	12.5
1975	264	20	7.6
1976	275	19	6.9
WINDWARD			
1972	78	4	5.1
1973	116	2	1.7
1974	137	2	1.4
1975	164	8	4.9
1976	176	11	6.3

TABLE III
AVERAGE CLASS SIZE, BY PROGRAM*
COMMUNITY COLLEGES
FALL 1972 - 1976

Note: System totals are not comparable between 1975 and previous years. Data on Hawaii Community College were included for the first time in fall 1975.

College and Year	T O T A L	General & Pre-Prof Courses	Vocational-Tech Courses
	Average Class Size	Average Class Size	Average Class Size
TOTAL			
1972	27	29	25
1973	28	29	25
1974*	28	29	25
1975*	28	30	26
1976*	27	28	25
HAWAII			
1975	24	27	23
1976	23	25	21
HONOLULU			
1972	26	29	22
1973	24	26	21
1974	26	27	24
1975	27	27	26
1976	28	29	26
KAPIOLANI			
1972	33	36	31
1973	35	37	32
1974	29	31	27
1975	31	31	30
1976	32	31	32
KAUAI			
1972	24	26	22
1973	25	26	24
1974	22	23	21
1975	23	24	22
1976	19	21	17
LEEWARD			
1972	28	30	23
1973	29	30	25
1974	31	33	27
1975	31	33	26
1976	28	30	25
MAUI			
1972	23	24	21
1973	24	26	20
1974	24	25	23
1975	26	28	22
1976	23	26	20
WINDWARD			
1972	23	24	13
1973	25	24	26
1974	26	26	23
1975	24	24	18
1976	22	23	15

*The computation of average class size for 1974-1976 excludes certain classes such as Directed Studies, Cooperative Education, etc.

TABLE IV
AVERAGE SEMESTER AND CONTACT HOURS TAUGHT,
PRODUCTIVITY AND FACULTY-STUDENT RATIOS
FALL 1972-1976

Note: System totals are not comparable between 1975 and previous years. Data on Hawaii Community College were included for the first time in fall 1975.

College & Year	FTE Instructors	Semester Hours Taught		Productivity Ratio*		Contact Hours		Ratio: FTE Instructor :FTE Students**	
		TOTAL	Average	TOTAL SSH	Average	TOTAL	Ave.	Students	Ratio
TOTAL									
1972	427.7	5,810	13.6	156,784	367	7,119	16.6	11,030	1:26
1973	449.4	6,032	13.4	166,763	371	7,530	16.8	11,918	1:27
1974	492.7	6,550	13.3	176,510	358	8,084	16.4	11,600	1:24
1975	647.5	8,473	13.1	229,573	355	NA		15,071	1:23
1976	658.4	8,740	13.3	228,683	347	11,010	16.7	15,056	1:23
HAWAII									
1975	72.9	1,002	13.7	21,353	293	NA		1,336	1:18
1976	74.4	1,023	13.8	22,055	296	1,333	17.9	1,387	1:19
HONOLULU									
1972	91.8	1,259	13.7	31,320	341	1,694	18.5	2,145	1:23
1973	103.8	1,429	13.8	33,676	324	1,932	18.6	2,346	1:23
1974	113.0	1,553	13.7	38,951	345	2,121	18.8	2,575	1:23
1975	134.3	1,774	13.2	47,185	351	NA		3,130	1:23
1976	140.1	1,880	13.4	50,318	359	2,494	17.8	3,340	1:24
KAPIOLANI									
1972	96.4	1,267	13.1	40,412	419	1,742	18.1	2,693	1:28
1973	101.9	1,270	12.4	44,034	432	1,775	17.4	3,066	1:30
1974	110.9	1,471	13.3	42,303	381	1,946	17.5	2,769	1:25
1975	123.8	1,600	12.9	48,285	390	NA		3,203	1:26
1976	123.5	1,619	13.1	49,678	402	2,292	18.6	3,300	1:27
KAUAI									
1972	33.2	439	13.2	10,242	308	561	16.9	695	1:21
1973	31.9	441	13.8	10,165	319	581	18.2	702	1:22
1974	37.5	493	13.1	9,950	265	663	17.7	642	1:17
1975	41.2	547	13.3	11,940	290	NA		768	1:19
1976	44.9	599	13.3	11,360	253	773	17.2	726	1:16
LEEWARD									
1972	138.1	1,912	13.8	53,933	391	2,056	14.9	4,046	1:29
1973	135.1	1,886	14.0	55,393	410	2,083	15.4	4,167	1:31
1974	148.6	1,970	13.3	59,625	401	2,157	14.5	3,932	1:27
1975	171.3	2,294	13.4	71,054	415	NA		4,703	1:27
1976	172.8	2,326	13.5	66,339	384	2,599	15.0	4,395	1:25
MAUI									
1972	52.3	698	13.3	15,512	297	831	15.9	1,038	1:20
1973	52.9	669	12.6	15,136	286	815	15.4	1,012	1:19
1974	52.4	656	12.5	14,857	284	780	14.9	974	1:19
1975	65.1	765	11.8	17,813	274	NA		1,145	1:18
1976	63.3	795	12.6	17,426	275	997	15.8	1,154	1:18
WINDWARD									
1972	15.9	235	14.7	5,365	337	235	14.7	413	1:26
1973	23.8	337	14.2	8,359	351	345	14.5	625	1:26
1974	30.3	407	13.4	10,824	357	417	13.8	707	1:23
1975	38.9	491	12.6	11,943	307	NA		786	1:20
1976	39.4	498	12.6	11,507	292	522	13.2	753	1:19

*See Appendix A for definition. Computed by dividing total SSH by FTE instructor.
**FTE count of students based on regular students, only.

TABLE V
HEAD* AND FTE COUNT, INSTRUCTORS ONLY, BY COLLEGE AND YEAR
COMMUNITY COLLEGES
FALL 1972-1976

Note: System totals are not comparable between 1975 and previous years. Data on Hawaii Community College were included for the first time in fall 1975.

YEAR	TOTAL		HAWAII		HONOLULU		KAPIOLANI		KAUAI		LEEWARD		MAUI		WINDWARD	
	FTE Count	Head-count	FTE Count	Head-count	FTE Count	Head-count	FTE Count	Head-count	FTE Count	Head-count	FTE Count	Head-count	FTE Count	Head-count	FTE Count	Head-count
Fall 1972	427.7		NA		91.8		96.4		33.2		138.1		52.3		15.9	
1973	449.4	653	NA		103.8	150	101.9	156	31.9	47	135.1	192	52.9	68	23.8	40
1974	492.7	787	NA		113.0	178	110.9	196	37.5	57	148.6	241	52.4	70	30.3	45
1975	647.5	1,015	72.9	105	134.3	205	123.8	211	41.2	59	171.3	282	65.1	90	38.9	63
1976	658.4	1,048	74.4	111	140.1	219	123.5	210	44.9	67	172.8	284	63.3	95	39.4	62

*Duplicated headcount: lecturers teaching at more than one campus are counted two or more times; instructors on overload are also included in the regular instructors' count. The count of instructors include part-time instructors and division/department chairmen. The FTE count of part-time instructors is reflected as contracted (0.5 for those employed as 50% FTE); the FTE count of division/department chairmen, as 0.7.

TABLE Ia
COURSES, CLASSES, CREDIT, & STUDENT SEMESTER HOURS, BY SUBJECT AREA
HAWAII COMMUNITY COLLEGE
FALL 1976

Note: Totals may not add up to the sum of the parts because of rounding.

Subject Area	Courses	Classes* No.	Classes* Ave Size	Semester Hours	Student Regis.	Student Sem. Hours	Contact Hours** Instructor	Contact Hours** Student
TOTAL	262	302	23	1,023	6,960	22,055	1,333	27,234
GENERAL & PRE-PROF EDUC COURSES	95	118	25	319	3,006	8,118	318	8,147
Humanities	48	63	23	171	1,429	3,797	170	3,840
Art	7	6	25	21	149	445	21	445
English	10	26	22	80	568	1,660	78	1,704
English as a Second Language	4	4	17	12	69	207	12	207
Hawaiian	17	11	19	13	214	266	13	265
History	2	1	39	3	39	117	3	117
Japanese	2	3	22	9	66	198	9	198
Music	3	2	34	4	67	133	4	133
Speech	3	10	26	30	257	771	30	771
Natural Sciences	29	36	27	97	959	2,617	97	2,615
Biology	1	2	41	6	82	246	6	246
Mathematics	17	21	23	51	474	1,140	51	1,138
Natural Science	7	8	36	25	285	877	25	877
Physical Science	2	2	24	6	47	141	6	141
Physics	2	3	24	9	71	213	9	213
Social Sciences	12	13	40	39	524	1,572	39	1,569
Economics	2	1	34	3	34	102	3	102
Psychology	5	6	43	18	259	777	18	777
Social Science	1	1	34	3	34	102	3	102
Sociology	4	5	39	15	197	591	15	588
Other	6	6	16	12	94	132	12	123
Cooperative Arts/Science Educ	2			5	16	48	6	48
Special Studies	4	6	13	7	78	84	6	75
VOCATIONAL EDUCATION COURSES	167	184	21	704	3,954	13,937	1,015	19,087
Business Education	52	81	23	277	1,868	6,074	265	6,252
Accounting	7	10	26	38	259	836	36	895
Data Processing	13	12	14	55	173	493	34	501
General Business	10	20	25	60	491	1,478	57	1,485
Real Estate	1	1	24	3	24	72	3	72
Sales & Management	10	9	23	37	204	612	27	612
Hotel Operations	(1)	(1)	(15)	(3)	(15)	(45)	(3)	(45)
Merchandising	(9)	(8)	(24)	(34)	(189)	(567)	(24)	(567)
Secretarial and Related	11	23	26	104	717	2,588	108	2,687
Business Machines	(3)	(9)	(24)	(35)	(217)	(847)	(35)	(847)
Office Procedures	(2)	(4)	(22)	(15)	(88)	(335)	(15)	(335)
Shorthand	(3)	(4)	(35)	(18)	(99)	(467)	(22)	(566)
Typing	(3)	(12)	(26)	(36)	(313)	(939)	(36)	(939)
Food Services	9	8	24	24	189	557	54	1,272
Health Services	4	8	11	56	84	588	116	1,216
Nursing	2	4	10	28	40	280	60	600
Practical Nursing	2	4	11	28	44	308	56	616

HAWAII COMMUNITY COLLEGE (CONTINUED)

Subject Total	Courses	Classes* No.	Classes* Ave Size	Semester Hours	Student Regis.	Student Sem. Hours	Contact Hours** Instructor	Contact Hours** Student
Public Services	16	11	35	42	386	1,156	33	1,152
Fire Science	3	2	21	9	41	123	9	123
Law	1	1	30	3	30	90	3	90
Nursery School Training	1	1		2	2	4		
Police Science	11	7	45	28	313	939	21	939
Technology	83	76	18	296	1,398	5,475	538	9,108
Agriculture	18	15	18	48	268	841	89	752
Architectural Drafting	6	4	16	24	64	384	55	850
Auto Body Repair & Painting	4	4	16	24	64	384	50	800
Auto Mechanic Technology	13	12	19	24	233	459	48	912
Blueprint Reading	2	3	20	9	59	177	9	177
Carpentry	4	4	20	24	80	480	50	1,000
Diesel Mechanic	4	4	17	24	66	396	50	825
Electricity	4	4	20	24	78	468	40	780
Electronics Technology	7	6	22	20	130	437	31	686
Home Economics	8	6	28	20	167	553	20	573
Machine Shop	4	3	19	17	58	348	30	725
Orientation	4	6	8	11	50	112	10	100
Welding	5	5	16	27	81	447	56	928
Other: Cooperative Education	3			9	29	87	9	87

*Excludes certain classes such as Cooperative Education.
**Contact hours (instructor and student) understated. Data not available on some classes because they meet on "hours arranged" basis.

Sources: SER Computer Reports 3010, 3011, October 13, 1976; Office of the Dean of Instruction.

TABLE II:
CLASSES WITH TEN OR FEWER STUDENTS
HAWAII COMMUNITY COLLEGE
FALL 1976

Subject Area	No. of Classes
TOTAL	22
GENERAL & PRE-PROF ED COURSES	5
English	2
Math	3
VOCATIONAL EDUCATION COURSES	17
Data Processing	2
Food Service	2
Health: Nursing	4
Other Technology	9
Agriculture	(5)
Machine Shop Tech	(1)
Orientation	(3)

Sources: SER Computer Report 3011B, October 13, 1976;
Office of the Dean of Instruction.

TABLE Ib
COURSES, CLASSES, CREDIT, & STUDENT SEMESTER HOURS, BY SUBJECT AREA
HONOLULU COMMUNITY COLLEGE
FALL 1976

Note: Totals may not add up to the sum of the parts because of rounding.

Subject Area	Courses	Classes* No.	Classes* Ave Size	Semester Hours	Student Regis.	Student Sem. Hours	Contact Hours** Instructor	Contact Hours** Student
TOTAL	345	579	28	1,880	16,047	50,318	2,494	70,200
GENERAL & PRE-PROF EDUC COURSES	138	356	29	1,069	10,323	30,697	1,170	33,388
Humanities	62	174	27	514	4,747	13,957	552	14,872
Art	11	19	25	61	472	1,441	94	2,209
Asian/Pacific Lang: Japanese	4	6	26	21	153	530	24	601
Drama	2	2	25	6	50	150	6	150
English	10	65	26	195	1,678	5,034	195	5,034
English	(9)	(56)	(26)	(168)	(1,474)	(4,422)	(168)	(4,422)
Reading	(1)	(9)	(23)	(27)	(204)	(612)	(27)	(612)
English Language Institute	1	4	27	12	107	321	12	321
History	9	27	34	81	914	2,742	81	2,742
Humanities	4	8	26	20	211	520	20	520
Journalism	2	2	26	6	51	153	6	153
Music	5	8	19	12	151	229	20	365
Philosophy	3	8	34	25	275	826	24	819
Religion	3	11	32	33	349	1,047	33	1,047
Speech	8	14	24	42	336	964	37	911
Speech	(4)	(11)	(26)	(35)	(285)	(860)	(33)	(840)
Communications	(4)	(3)	(17)	(7)	(51)	(104)	(4)	(71)
Natural Science	44	115	30	346	3,433	10,272	414	12,021
Botany	4	6	35	21	209	726	27	924
Chemistry	8	18	26	42	463	1,120	60	1,566
Mathematics	13	56	32	170	1,771	5,264	173	5,427
Microbiology	3	6	27	14	161	413	18	483
Oceanography	1	6	39	18	236	708	18	708
Physical Science	1	3	22	8	43	172	12	258
Physics	10	15	25	51	372	1,227	75	1,767
Science	1	2	31	8	62	248	12	372
Zoology	3	4	29	14	116	394	19	516
Social Sciences	30	64	32	194	2,050	6,172	195	6,273
American Studies	1	1	35	3	35	105	3	105
Anthropology	2	7	33	21	232	696	21	696
Economics	3	5	35	15	174	522	15	522
Geography	4	7	32	23	221	709	27	801
Human Development	7	11	24	33	260	756	30	768
Political Science	3	6	36	18	216	648	18	648
Psychology	5	17	33	51	557	1,671	51	1,671
Social Science	1	2	37	6	74	222	6	222
Sociology	4	8	35	24	281	843	24	840
Other	2	3	31	15	93	296	9	222
Cooperative Arts/Science Ed	1			6	19	74		
Interdisc Studies	1	3	25	9	74	222	9	222

HONOLULU COMMUNITY COLLEGE (CONTINUED)

Subject Area	Courses	Classes* No.	Classes* Ave Size	Semester Hours	Student Regis.	Student Sem. Hours	Contact Hours** Instructor	Contact Hours** Student
VOCATIONAL EDUCATION COURSES	207	223	26	811	5,724	19,621	1,324	36,812
Business Education	4	3	24	11	72	221	11	221
Business	1	1	27	3	27	81	3	81
Computer Science	3	2	23	8	45	140	8	140
Food Services: Commercial Baking	5	3	13	19	40	351	40	760
Health Svcs. Health Foundations	2	3	21	3	64	64	5	96
Public Services	49	62	26	207	1,526	4,808	245	4,699
Education	2	2	21	6	42	126	6	126
Fire Science	7	14	33	42	457	1,371	42	1,371
Human Services	17	13	26	59	342	956	85	621
Industrial Education	7	7	18	21	127	381	34	616
Occupational Safety & Health	8	14	25	42	347	1,041	42	1,041
Police Science	8	12	26	37	311	933	36	924
Technology	147	152	26	571	3,922	14,177	1,023	31,036
Aeronautics	4	2	17	7	33	99	3	58
Architectural Drafting Technology	5	10	25	38	246	923	90	2,155
Auto Body Repair & Painting	8	8	34	36	270	997	58	1,863
Auto Mechanics Technology	13	17	25	72	419	1,727	130	3,155
Aviation Maintenance Technology	8	8	22	37	176	851	85	1,470
Aviation Technology	1	1	22	3	22	66	7	154
Blueprint Reading	4	7	30	20	210	599	22	661
Carpentry	7	5	35	16	173	573	44	1,953
Commercial Art	9	8	18	36	142	549	47	753
Cosmetology	13	5	75	36	377	1,502	103	8,293
Electronics Technology	17	10	22	57	426	1,277	89	1,977
Engineering Technology	9	8	16	24	131	424	38	729
Fashion Design & Merchandising	9	9	21	25	193	532	36	742
Food Nutritional Science	1	1	28	2	28	56	3	84
Heavy Equipment Maintenance & Rep	3	2	24	21	47	452	40	880
Home Economics	1	1	27	3	27	81	3	81
Industrial Electricity	6	7	20	25	139	475	37	753
Machine Shop Technology	7	8	18	30	143	602	46	776
Refrigeration & Air Conditioning	5	5	34	24	168	804	44	1,464
Sheet Metal Plastics	7	7	28	24	193	666	42	1,164
Welding	10	14	26	35	359	922	71	1,872

*Excludes certain classes such as Cooperative Education.
**Contact hours (instructor and student) understated. Data not available on some classes because they meet on "hours arranged" basis.

Sources: SER Computer Reports 3010, 3011, October 13, 1976; Office of the Dean of Instruction.

TABLE IIb
CLASSES WITH TEN OR FEWER STUDENTS
HONOLULU COMMUNITY COLLEGE
FALL 1976

Subject Area	No. of Classes
TOTAL	12
GENERAL & PRE-PROF ED COURSES	4
English	1
Music	2
Human Development	1
VOCATIONAL EDUCATION COURSES	8
Computer Science	1
Education	1
Aero	1
Engineering Technology	3
Industrial Ed	2

A variety of reasons explains the existence of these small classes: (1) graduation requirements; (2) instruction by non-instructors not paid to teach these courses; (3) enrichment.

Sources: SER Computer Report 3011B, October 13, 1976; Office of the Dean of Instruction.

TABLE Ic
COURSES, CLASSES, CREDIT, & STUDENT SEMESTER HOURS, BY SUBJECT AREA
KAPIOLANI COMMUNITY COLLEGE
FALL 1976

Note: Totals may not add up to the sum of the parts because of rounding.

Subject Area	Courses	Classes* No.	Classes* Ave Size	Semester Hours	Student Regis.	Student Sem. Hours	Contact Hours** Instructor	Contact Hours** Student
TOTAL	317	584	32	1,619	18,461	49,678	2,292	58,451
GENERAL & PRE-PROF EDUC COURSES	167	312	31	806	9,782	25,579	868	26,766
Humanities	86	197	28	445	5,582	13,139	500	14,157
Art	10	16	22	37	348	824	55	1,108
Asian/Pacific Lang.: Japanese	4	8	31	30	249	909	36	1,071
Drama	3	3	30	9	91	273	11	330
English	32	95	26	158	2,425	4,107	163	4,226
English	(29)	(90)	(26)	(142)	(2,332)	(3,816)	(146)	(3,923)
Reading	(3)	(5)	(19)	(16)	(93)	(291)	(17)	(303)
English as a Second Language	2	2	19	6	38	114	7	136
English Language Institute	(1)	(1)	(22)	(3)	(22)	(66)	(4)	(88)
Eng as a Second Language	(1)	(1)	(16)	(3)	(16)	(48)	(3)	(48)
European Languages	2	2	26	8	52	208	10	260
French	(1)	(1)	(25)	(4)	(25)	(100)	(5)	(125)
Spanish	(1)	(1)	(27)	(4)	(27)	(108)	(5)	(135)
History	8	24	41	66	972	2,624	66	2,624
Humanities	1	2	30	6	60	180	6	180
Journalism	2	2	24	6	48	144	6	144
Music	10	11	18	21	193	404	34	578
Philosophy	3	6	40	18	239	717	18	717
Religion	2	7	44	21	309	927	21	927
Speech/Comm	7	19	29	59	558	1,708	67	1,656
Speech	(3)	(18)	(29)	(54)	(520)	(1,557)	(62)	(1,686)
Communication	(4)	(1)	(38)	(5)	(38)	(151)	(5)	(170)
Natural Sciences	31	59	35	188	2,064	6,651	216	7,088
Biology	3	7	40	24	282	977	23	930
Botany	2	2	43	6	85	255	6	255
Chemistry	4	5	21	9	104	242	15	312
Geoscience	1	1	25	4	25	100	6	150
Mathematics	10	25	34	80	854	2,688	85	2,814
Business Analysis & Stats	(1)	(1)	(33)	(3)	(33)	(99)	(3)	(99)
Mathematics	(9)	(24)	(34)	(77)	(821)	(2,589)	(82)	(2,715)
Microbiology	1	2	42	6	83	249	6	249
Oceanography	1	3	43	9	128	384	9	384
Physics	2	4	38	12	151	453	12	453
Science	5	8	34	31	275	1,033	44	1,232
Zoology	2	2	39	7	77	270	10	309
Social Sciences	45	49	41	164	1,999	5,634	138	5,275
American Studies	14	11	37	21	410	832	24	829
Anthropology	2	3	47	9	141	423	9	423
Economics	4	4	45	13	181	545	12	537
Geography	4	5	35	13	176	490	14	509
Guidance	3	3	19	12	56	168	10	160
Political Science	4	4	46	14	183	558	18	522
Psychology	6	8	44	30	355	1,079	24	999
Social Science	4	3	62	27	185	601	9	369
Sociology	4	8	39	25	312	938	24	927
Other: HPE	5	7	20	9	137	155	14	246

KAPIOLANI COMMUNITY COLLEGE (CONTINUED)

Subject Area	Courses	Classes* No.	Classes* Ave. Size	Semester Hours	Student Regis.	Student Sem. Hours	Contact Hours** Instructor	Contact Hours** Student
VOCATIONAL EDUCATION COURSES	150	272	32	813	8,679	24,099	1,424	31,685
Business Education	79	165	39	478	6,388	16,903	773	19,897
Accounting	11	25	39	96	980	3,608	112	4,262
Computer Science	17	28	28	61	778	1,903	182	2,639
Computer Science	(2)	(4)	(44)	(12)	(174)	(522)	(12)	(522)
Data Processing	(15)	(24)	(25)	(49)	(604)	(1,381)	(170)	(2,117)
General Business	8	26	40	77	1,040	3,086	77	3,083
Sales & Management	11	21	42	79	882	2,697	63	2,493
Hotel Operations	(5)	(11)	(42)	(42)	(461)	(1,412)	(33)	(1,296)
Merchandising	(6)	(10)	(42)	(37)	(421)	(1,285)	(30)	(1,197)
Secretarial & Related	32	65	42	165	2,708	5,609	339	7,421
Business Machines	(4)	(19)	(39)	(33)	(746)	(1,238)	***	(1,238)
Office Procedures	(7)	(17)	(35)	(52)	(598)	(1,389)	***	(1,660)
Shorthand	(8)	(13)	(31)	(44)	(399)	(1,368)	***	(2,052)
Typewriting	(13)	(16)	(60)	(36)	(965)	(1,614)	***	(2,471)
Food Services	13	22	32	105	699	2,972	236	5,084
Health Services	47	73	17	192	1,240	3,168	376	5,647
Dental Assisting	8	14	12	19	168	231	31	357
Dietetic Technology	2	2	8	7	15	51	13	87
Health Foundations	7	14	26	19	367	461	19	460
Medical Assistant	2	2	25	8	50	200	16	400
Medical Lab Technology	6	8	15	20	120	316	39	537
Medical Records Technology	2	3	5	9	15	45	28	124
Nursing	5	11	22	54	243	1,013	109	1,957
Nurses Aide Training	(1)	(1)	(12)	(8)	(12)	(96)	(16)	(196)
Practical Nursing	(4)	(10)	(23)	(46)	(231)	(917)	(93)	(1,761)
Occupational Therapy Asst	4	7	8	12	56	126	24	168
Radiologic Technology	9	9	18	26	160	472	57	1,052
Respiratory Therapy	2	3	15	18	46	253	40	506
Public Services: Law	11	12	29	38	352	1,056	39	1,056

*Excludes certain classes such as Cooperative Education.
**Contact hours (instructor and student) understated. Data not available on some classes because they meet on "hours arranged" basis.
***The calculation of weekly contact hour by subject area not possible because of Learning Resource Center.

Sources: SER Computer Reports 3010, 3011, October 12, 1976; Office of the Dean of Instruction.

TABLE IIc
CLASSES WITH TEN OR FEWER STUDENTS
KAPIOLANI COMMUNITY COLLEGE
FALL 1976

Subject Area	No. of Classes
TOTAL	31
GENERAL & PRE-PROF ED COURSES	2
Music	1
Chemistry	1
VOCATIONAL EDUCATION COURSES	29
Business	4
Data Processing	*(3)*
Office Procedures	*(1)*
Food Services	2
Health Services	21
Dental Assisting	*(9)*
Dietetic Technology	*(2)*
Medical Lab Technology	*(3)*
Medical Records Technology	*(3)*
Occupational Therapy Assistant	*(4)*
Public Services: Law	2

Enrollment is limited in some of the classes in the health programs because of facility limitations and because of accreditation requirements.

Sources: SER Computer Report 3011B, October 12, 1976; Office of the Dean of Instruction.

TABLE Id
COURSES, CLASSES, CREDIT, & SEMESTER HOURS, BY SUBJECT AREA
KAUAI COMMUNITY COLLEGE
FALL 1976

Note: Totals may not add up to the sum of the parts because of rounding.

Subject Area	Courses	Classes* No.	Classes* Ave Size	Semester Hours	Student Regis.	Student Sem. Hours	Contact Hours** Instructor	Contact Hours** Student
TOTAL	199	225	19	599	4,355	11,360	773	13,712
GENERAL & PRE-PROF EDUC COURSES	112	117	21	315	2,482	6,872	354	7,435
Humanities	58	65	20	159	1,325	3,390	186	3,857
Art	18	11	19	33	204	612	54	983
Asian/Pacific Languages	3	3	23	9	68	204	9	204
Hawaiian	(1)	(1)	(29)	(3)	(29)	(87)	(3)	(87)
Ilokano	(1)	(1)	(14)	(3)	(14)	(42)	(3)	(42)
Japanese	(1)	(1)	(25)	(3)	(25)	(75)	(3)	(75)
English	21	32	18	60	584	1,190	64	1,250
History	5	6	35	18	209	627	18	627
Music	2	2	26	4	52	120	6	156
Philosophy	2	3	23	9	70	210	9	210
Religion	2	2	9	6	17	51	6	51
Speech-Communication	5	6	20	20	121	376	20	376
Natural Sciences	25	30	17	87	497	1,502	102	1,730
Biology	4	3	13	9	39	132	12	171
Botany	1	1	26	4	26	104	6	156
Chemistry	6	4	17	8	67	135	12	195
Mathematics	6	14	17	43	239	724	41	701
Oceanography	1	1	44	3	44	132	3	132
Physics	5	5	9	11	46	112	17	178
Science	1	1	19	5	19	95	5	95
Zoology	1	1	17	4	17	68	6	102
Social Sciences	28	22	30	66	651	1,953	66	1,848
American Studies	1	1	11	3	11	33	3	33
Anthropology	6	4	36	12	143	429	12	429
Economics	2	2	31	6	62	186	6	186
Geography	3	2	33	6	66	198	6	198
Orientation	1	1	19	3	19	57	3	57
Political Science	1	1	18	3	18	54	3	54
Psychology	5	4	31	12	125	375	12	375
Social Science	3	2	20	6	40	120	6	120
Sociology	6	5	33	15	167	501	15	396
Other	1			3	9	27		

KAUAI COMMUNITY COLLEGE (CONTINUED)

Subject Area	Courses	Classes* No.	Classes* Ave Size	Semester Hours	Student Regis.	Student Sem. Hours	Contact Hours** Instructor	Contact Hours** Student
VOCATIONAL EDUCATION COURSES	87	108	17	284	1,873	4,488	419	6,277
Business Education	41	58	20	97	1,131	1,742	112	2,030
Accounting	9	13	15	27	199	400	33	470
Secretarial & Related	32	45	21	70	932	1,342	79	1,561
Business	(21)	(31)	(21)	(54)	(638)	(1,015)	(55)	(1,060)
Shorthand	(2)	(2)	(17)	(4)	(33)	(66)	(5)	(83)
Typewriting	(9)	(12)	(22)	(12)	(261)	(261)	(19)	(418)
Health Services	2	4	8	40	31	308	78	604
Nursing	1	2	8	16	16	128	38	304
Practical Nursing	1	2	8	24	15	180	40	300
Public Services	3	3	41	9	123	369	9	369
Fire Science	1	1	35	3	35	105	3	105
Police Science	2	2	44	6	88	264	6	264
Technology	41	43	14	138	588	2,069	220	3,273
Agriculture	4	4	10	12	40	120	23	228
Architectural Drafting Tech	3	3	13	3	38	38	3	38
Auto Body Repair & Painting	3	3	17	16	52	274	31	533
Auto Mechanics Technology	15	13	12	31	162	461	44	659
Blueprint Reading	3	4	18	12	72	216	12	216
Carpentry	3	4	15	28	59	413	50	738
Drafting Technology	6	6	9	12	53	106	20	175
Electricity	2	2	16	6	32	96	6	96
Machine Shop Technology	1	1	22	2	22	44	3	66
Welding	3	3	19	16	58	301	28	526

*Excludes certain classes such as Cooperative Education.
**Contact hours (instructor and student) understated. Data not available on some classes because they meet on "hours arranged" basis.

Sources: SER Computer Reports 3010, 3011, October 15, 1976; Office of the Dean of Instruction.

TABLE IId
CLASSES WITH TEN OR FEWER STUDENTS
KAUAI COMMUNITY COLLEGE
FALL 1976

Subject Area	No. of Classes
TOTAL	32
GENERAL & PRE-PROF ED COURSES	11
Religion	1
Speech	2
Biology	1
Mathematics	2
Physics	4
Social Science	1
VOCATIONAL EDUCATION COURSES	21
Business	9
Accounting	(5)
Business	(3)
Typing	(1)
Health (Nursing)	4
Other	8
Agriculture	(2)
Auto Mechanics Technology	(2)
Drafting Technology	(3)
Electricity	(1)

Sources: SER Computer Report 3011B, October 15, 1976; Office of the Dean of Instruction.

TABLE Ie
COURSES, CLASSES, CREDIT, & STUDENT SEMESTER HOURS, BY SUBJECT AREA
LEEWARD COMMUNITY COLLEGE
FALL 1976

Note: Totals may not add up to the sum of the parts because of rounding.

Subject Area	Courses	Classes* No.	Classes* Ave Size	Semester Hours	Student Regis.	Student Sem. Hours	Contact Hours** Instructor	Contact Hours** Student
TOTAL	321	817	28	2,326	23,226	66,339	2,599	70,865
GENERAL & PRE-PROF EDUC COURSES	213	598	30	1,716	17,698	51,843	1,871	54,480
Humanities	111	320	28	919	8,810	26,012	1,007	27,412
Art	11	23	31	69	714	2,139	105	2,718
Asian/Pacific Languages	9	15	23	60	348	1,388	60	1,372
Chinese	(2)	(2)	(17)	(8)	(33)	(132)	(8)	(132)
Hawaiian	(3)	(4)	(18)	(16)	(70)	(280)	(16)	(280)
Japanese	(4)	(9)	(27)	(36)	(245)	(976)	(36)	(960)
Drama	8	11	18	33	203	609	33	609
English	16	120	24	360	2,935	8,802	360	8,793
English	(6)	(65)	(27)	(195)	(1,759)	(5,274)	(195)	(5,271)
Literature	(7)	(17)	(24)	(51)	(407)	(1,221)	(51)	(1,221)
Reading	(3)	(38)	(20)	(114)	(769)	(2,307)	(114)	(2,301)
English as a Second Language	3	3	20	9	60	180	15	300
European Languages	10	13	19	47	241	902	47	902
French	(3)	(4)	(18)	(14)	(71)	(268)	(14)	(268)
German	(1)	(1)	(19)	(4)	(19)	(76)	(4)	(76)
Spanish	(5)	(7)	(18)	(26)	(127)	(486)	(26)	(486)
Language Arts	(1)	(1)	(24)	(3)	(24)	(72)	(3)	(72)
History	4	41	40	123	1,634	4,902	123	4,902
Journalism	4	4	16	12	62	186	12	186
Music	34	43	19	65	801	1,474	111	2,200
Philosophy	2	11	41	33	453	1,359	33	1,359
Religion	2	16	51	48	816	2,448	48	2,448
Speech-Communications	8	20	27	60	543	1,623	60	1,623
Natural Sciences	42	113	33	320	3,745	10,730	394	12,074
Biology	4	6	40	19	238	726	30	796
Botany	3	3	35	10	105	384	16	594
Chemistry	5	8	31	33	250	1,009	60	1,497
Geology-Geophysics	1	1	29	4	29	116	5	145
Mathematics	15	73	29	186	2,149	5,512	194	5,734
Business Analysis & Stats	(2)	(4)	(29)	(12)	(115)	(345)	(12)	(345)
Mathematics	(13)	(69)	(29)	(174)	(2,034)	(5,167)	(182)	(5,389)
Microbiology	1	1	61	3	61	183	3	183
Oceanography	2	8	61	25	486	1,466	29	1,498
Physics	8	10	30	29	302	883	38	1,048
Science	2	2	37	7	73	243	10	267
Zoology	1	1	52	4	52	208	9	312
Social Sciences	41	145	32	436	4,670	13,899	410	13,540
American Studies	3	3	37	9	111	327	9	327
Anthropology	2	14	37	42	522	1,566	42	1,566
Economics	5	21	36	63	761	2,283	63	2,223
Geography	8	19	20	30	381	1,000	30	1,000
Human Development	2	4	54	12	217	651	12	651
Interdisciplinary Social Sci.	13	23	28	97	633	1,937	71	1,638
Political Science	1	10	32	30	315	945	30	945
Psychology	5	37	33	111	1,220	3,660	111	3,660
Sociology	2	14	36	42	510	1,530	42	1,530
Other	19	20	24	41	473	1,202	60	1,454
Health & Physical Education	17	18	25	39	458	1,187	58	1,439
Interdisciplinary Studies	2	2	8	2	15	15	2	15

LEEWARD COMMUNITY COLLEGE (CONTINUED)

Subject Area	Courses	Classes* No.	Classes* Ave Size	Semester Hours	Student Regis.	Student Sem. Hours	Contact Hours** Instructor	Contact Hours** Student
VOCATIONAL EDUCATION COURSES	108	219	25	610	5,528	14,496	728	16,386
Business Education	39	137	30	335	4,140	9,956	333	9,902
Accounting	6	25	34	75	848	2,544	75	2,544
Computer Science	7	29	30	63	856	1,651	63	1,656
Sales & Management: Mgt.	5	9	32	27	285	855	27	855
Secretarial & Related	21	74	29	170	2,151	4,906	168	4,847
Business	(10)	(32)	(31)	(104)	(997)	(3,092)	(98)	(2,927)
Office Procedures	(3)	(9)	(22)	(9)	(197)	(197)	(9)	(197)
Shorthand	(3)	(8)	(29)	(24)	(234)	(702)	(24)	(702)
Typewriting	(5)	(25)	(29)	(33)	(723)	(915)	(37)	(1,031)
Food Service	9	12	15	65	175	891	120	1,614
Public Services	5	5	18	17	92	286	12	261
Library Technology	2	2	10	8	20	70	3	45
Recreational Instructor Prog	3	3	24	9	72	216	9	216
Technology	55	65	17	193	1,121	3,363	263	4,609
Auto Mechanics Technology	18	23	22	73	498	1,618	105	2,323
Drafting Technology	17	18	16	52	279	818	67	1,069
Graphic Arts	10	12	14	31	164	415	41	543
Marine Technology	10	12	15	37	180	512	50	674

*Excludes certain classes such as Cooperative Education.
**Contact hours (instructor and student) understated. Data not available on some classes because they meet on "hours arranged" basis.

Sources: SER Computer Reports 3010, 3011, October 14, 1976; Office of the Dean of Instruction.

TABLE IIe
CLASSES WITH TEN OR FEWER STUDENTS
LEEWARD COMMUNITY COLLEGE
FALL 1976

Subject Area	No. of Classes
TOTAL	45
GENERAL & PRE-PROF ED COURSES	27
Humanities	20
Art	*1*
Asian/Pacific Language: Hawaiian	*1*
Drama	*3*
English Literature	*1*
European Languages	*3*
French	*(1)*
Spanish	*(2)*
Journalism	*1*
Music	*10*
Natural Sciences	2
Chemistry	*1*
Oceanography	*1*
Social Sciences: ISS	3
Other: IS	2
VOCATIONAL EDUCATION	18
Business Education: Computer Science	*1*
Food Services	*4*
Public Services: Library Technology	*1*
Other Technology	*12*
Drafting Technology	*(2)*
Graphic Arts	*(6)*
Marine Technology	*(4)*

Sources: SER Computer Report 3011B, October 14, 1976; Office of the Dean of Instruction.

TABLE If
COURSES, CLASSES, CREDIT, & STUDENT SEMESTER HOURS, BY SUBJECT AREA
MAUI COMMUNITY COLLEGE
FALL 1976

Note: Totals may not add up to the sum of the parts because of rounding.

Subject Area	Courses	Classes* No.	Classes* Ave Size	Semester Hours	Student Regis.	Student Sem. Hours	Contact Hours** Instructor	Contact Hours** Student
TOTAL	226	275	23	795	6,368	17,426	997	21,125
GENERAL & PRE-PROF EDUC COURSES	128	150	26	417	3,819	10,030	482	11,591
Humanities	53	72	23	226	1,634	4,946	248	5,210
Art	8	8	20	24	156	467	36	643
Asian/Pacific Languages	6	10	20	36	202	677	36	677
Hawaiian	(3)	(5)	(26)	(16)	(131)	(393)	(16)	(393)
Japanese	(3)	(5)	(14)	(20)	(71)	(284)	(20)	(284)
Drama	3	2	16	6	31	93	7	106
English	14	27	20	81	541	1,606	81	1,606
European Languages	5	4	16	11	64	154	10	146
French	(1)			(1)***	(2)	(8)		
Spanish	(4)	(4)	(16)	(10)	(62)	(146)	(10)	(146)
History	6	8	37	25	296	888	30	928
Humanities	3	3	26	9	74	222	8	219
Journalism	3	2	16	10	29	116	12	160
Philosophy	2	1	79	4	79	237	5	237
Religion	1	1	38	3	38	114	6	114
Speech	2	6	21	18	124	372	18	372
Natural Sciences	39	32	32	92	1,007	2,452	128	3,563
Biology	5	4	30	16	119	475	26	629
Chemistry	2	2	13	8	26	104	12	156
Geoscience	1	1	8	4	8	32	5	40
Mathematics	21	15	42	34	634	1,185	46	1,924
Microbiology	1	1	12	4	12	48	6	72
Oceanography	3	3	31	8	94	248	9	268
Physics	3	3	16	8	48	140	12	210
Science	3	3	22	10	66	220	12	264
Social Sciences	26	35	28	84	967	2,397	82	2,405
Anthropology	2	5	35	15	176	526	15	525
Economics	1	2	33	6	65	195	6	195
Geography	7	6	30	10	177	305	11	320
Orientation	1	5	15	5	73	73	5	73
Political Science	1	2	16	6	32	96	6	96
Psychology	6	7	36	24	254	762	21	756
Social Science	2	3	21	9	64	192	9	192
Sociology	3	2	30	6	61	183	6	183
Women's Studies	3	3	22	3	66	66	3	66
Other	10	11	19	15	211	235	24	413
Cooperative Arts/Science Educ.	2			4	13	37		
Health & Physical Educ.	8	11	18	11	198	198	24	413

MAUI COMMUNITY COLLEGE (CONTINUED)

Subject Area	Courses	Classes* No.	Classes* Ave Size	Semester Hours	Student Regis.	Student Sem. Hours	Contact Hours** Instructor	Contact Hours** Student
VOCATIONAL EDUCATION COURSES	98	125	20	378	2,549	7,396	515	9,534
Business Education	43	63	23	172	1,419	3,954	212	4,645
Accounting	6	11	23	34	248	647	25	688
Business Law	1	1	32	3	32	96	3	96
Insurance	1	1	19	3	19	57	3	57
Sales & Management: Hotel Op	12	12	22	46	309	945	65	1,323
Secretarial & Related	23	36	22	97	851	2,309	116	2,701
Business	(16)	(27)	(21)	(54)	(588)	(1,248)	(67)	(1,481)
Secretarial Science	(2)	(3)	(26)	(8)	(77)	(189)	(8)	(198)
Shorthand	(2)	(2)	(27)	(11)	(63)	(243)	(11)	(270)
Typewriting	(3)	(6)	(26)	(24)	(156)	(620)	(30)	(776)
Health Services: Nursing	3	4	9	25	35	284	50	555
Public Services	6	6	31	16	185	506	17	526
Education	1	1	30	3	30	60	3	60
Law	1	1	17	3	17	51	3	51
Police Science	4	4	37	11	148	415	11	415
Technology	45	52	17	154	875	2,548	236	3,808
Agriculture	5	7	20	23	138	442	31	589
Apparel Design & Construction	6	6	13	15	76	192	23	299
Architectural Drafting	5	4	15	15	60	210	20	330
Auto Body Repair & Painting	3	3	13	17	37	237	24	348
Auto Mechanics Technology	6	6	16	21	89	334	39	501
Blueprint Reading	1	1	31	3	31	93	3	93
Building Trades	5	7	19	15	130	370	20	560
Carpentry	9	11	19	28	204	453	42	638
Safety	2	2	13	3	39	39	3	39
Welding	3	4	18	17	71	298	31	531
Other: Coop Vocational Educ.	1			11	35	104		

*Excludes CASE and 099, 199, and 299 classes.

**Contact hours (instructor and student) understated. Data not available on some classes because they meet on "hours arranged" basis.

***Variable credit course; equivalent credit noted.

Sources: SER Computer Reports 3010, 3011, October 8, 1976; Office of the Dean of Instruction.

TABLE IIf
CLASSES WITH TEN OR FEWER STUDENTS
MAUI COMMUNITY COLLEGE
FALL 1976

Subject Area	No. of Classes
TOTAL	19
GENERAL & PRE-PROF ED COURSES	8
Humanities	5
English	2
Japanese	2
Spanish	1
Natural Science	3
Geoscience	1
Math	2
VOCATIONAL EDUCATION COURSES	11
Business Education: Hotel Operations	2
Nursing	2
Technology	7
Agriculture	1
Apparel Design & Construction	1
Auto Body Repair & Painting	1
Building Trades	1
Carpentry	1
Drafting Technology	1
Safety	1

Sources: SER Computer Report 3011B, October 8, 1976;
Office of the Dean of Instruction.

TABLE Ig
COURSES, CLASSES, CREDIT, & STUDENT SEMESTER HOURS, BY SUBJECT AREA
WINDWARD COMMUNITY COLLEGE
FALL 1976

Note: Totals may not add up to the sum of the parts because of rounding.

Subject Area	Courses	Classes*		Semester Hours	Student Regis.	Student Sem. Hours	Contact Hours**	
		No.	Ave Size				Instructor	Student
TOTAL	107	176	22	498	3,917	11,507	522	12,005
GENERAL & PRE-PROF EDUC COURSES	84	152	23	439	3,546	10,550	467	10,870
Humanities	42	85	23	251	1,988	5,951	257	6,027
Art	6	12	19	34	231	671	35	682
Asian/Pacific Languages	4	7	20	23	141	465	23	462
Hawaiian	(3)	(5)	(20)	(15)	(99)	(297)	(15)	(294)
Japanese	(1)	(2)	(21)	(8)	(42)	(168)	(8)	(168)
Drama	2	2	19	6	38	114	6	114
English	11	27	22	81	605	1,815	81	1,815
English	(8)	(17)	(23)	(51)	(384)	(1,152)	(51)	(1,152)
Linguistics	(1)	(3)	(22)	(9)	(67)	(201)	(9)	(201)
Reading	(2)	(7)	(22)	(21)	(154)	(462)	(21)	(462)
English as a Second Lang	1	1	13	3	13	39	3	39
European Lang.: French	1	2	25	8	49	196	8	196
History	3	8	35	24	279	837	24	837
Music	6	7	18	15	123	287	20	355
Philosophy	3	6	29	18	176	528	18	528
Religion	2	6	29	18	171	513	18	513
Speech-Communications	3	7	23	21	162	486	21	486
Communications	(2)	(6)	(24)	(18)	(142)	(426)	(18)	(426)
Speech	(1)	(1)	(20)	(3)	(20)	(60)	(3)	(60)
Natural Sciences	15	25	22	78	560	1,777	90	1,918
Biology	1	1	22	3	22	66	3	66
Botany	2	2	19	8	38	152	15	198
Chemistry	2	5	21	9	106	212	14	292
Geoscience	1	2	22	6	44	132	6	132
Mathematics	5	9	24	32	214	766	32	766
Oceanography	1	3	25	9	75	225	9	225
Science	2	2	21	8	41	164	9	179
Zoology	1	1	20	3	20	60	3	60
Social Sciences	17	29	29	87	833	2,499	87	2,499
American Studies	1	1	26	3	26	78	3	78
Anthropology	4	8	29	24	229	687	24	687
Ethnic Studies	2	3	22	9	65	195	9	195
Geography	1	1	38	3	28	84	3	84
Political Science	4	4	27	12	107	321	12	321
Psychology	2	6	31	18	188	564	18	564
Sociology	3	6	32	18	190	570	18	570
Other	10	13	13	23	165	323	33	427
Health & Physical Education	7	8	11	8	86	86	18	190
Interdisciplinary Studies	3	5	16	15	79	237	15	237
VOCATIONAL EDUCATION COURSES	23	24	15	59	371	957	55	1,135
Business Education	12	15	18	43	277	803	43	803
Accounting	2	4	21	12	85	255	12	255
Business	3	4	17	10	68	176	10	176
Shorthand	3	2	13	6	26	78	6	78
Typing	4	5	20	15	98	294	15	294
Other Tech: Auto Mech Tech	11	9	10	16	94	154	12***	332

*Excludes certain classes such as Cooperative Education.
**Contact hours (instructor and student) understated. Data not available on some classes because they meet on "hours arranged" basis.
***Classes on modular schedule.

Sources: SER Computer Reports 3010, 3011, October 8, 1976; Office of the Dean of Instruction.

TABLE IIg
CLASSES WITH TEN OR FEWER STUDENTS
WINDWARD COMMUNITY COLLEGE
October 1976

Subject Area	No. of Classes
TOTAL	11
GENERAL & PRE-PROF ED COURSES	4
English	1
HPE	3
VOCATIONAL EDUCATION COURSES	7
Auto Mechanics Technology	7

All three classes in HPE and 1 AMT class are second eight-week courses. The enrollment is expected to exceed 10 when classes begin. Registration in five of the AMT classes with an enrollment of 10 each are limited to those who were registered when the program first started.

Sources: SER Computer Report 3011B, October 8, 1976; Office of the Dean of Instruction.

APPENDIX A
DEFINITIONS

1. COURSE: A unit of instruction consisting of recitations, lectures, laboratory sessions, etc., in a particular subject.

   Example: English 100

2. CLASS: A lecture section of one or more students meeting regularly for instruction in a lecture or seminar course.

   Example: Lecture section 39 of English 100

3. SEMESTER HOURS: Semester or semester hour value assigned to each lecture section of each fixed credit course. (Also known as credit hours.)

   Example: Three semester hours for lecture section 39 of English 100

4. STUDENT REGISTRATIONS: Number of students registered in each class, excluding students auditing the class.

   Example: 25 student registrations in lecture section 39 of English 100

5. STUDENT SEMESTER HOURS: Sum of semester hours taken by all students registered in all classes, excluding auditors (Also known as student credit hours, SCH)

   Example: 75 student semester hours taken by 25 students in lecture section 39 of English 100 which is a three credit course

6. AVERAGE CLASS SIZE: Student registrations divided by number of classes. (Excludes classes and student registrations in classes such as directed studies, cooperative education.)

7. FTE FACULTY: FTE instructors employed on a full-time basis, counting the time of division chairman as two-third FTE; the position count of part-time instructors; and the FTE count of lecturers, instructors on overload and non-instructional staff teaching certain courses.

8. FULL-TIME EQUIVALENT OF: (1) "LECTURERS"; (2) INSTRUCTORS ON "OVERLOAD"; (3) AND "NON-INSTRUCTIONAL STAFF TEACHING CERTAIN COURSES":

   Number of semester hours taught by these three groups divided by 15 credits. (Based on credits instructor is compensated for in the case of "overloads" and lecturers.)

9. FTE STUDENTS: The conversion of full- and part-time students into full-time equivalent by dividing total SCH taken by 15 credits.

10. EQUIVALENT CREDITS for classes with variable credits:

    (a) Regular subject, self-paced classes: average SH (derived by dividing SCH by number of students).

    (b) Classes with catalog numbers 099, 199, 299: total SCH divided by 10 credit hours.

    (c) Cooperative vocational - liberal arts courses: 50 students = 15 credit hours.

11. TEACHING LOAD MEASUREMENTS:

    (a) Average credit hours taught: the quotient obtained by dividing credit hours taught by FTE faculty,
    e.g. $\frac{8,473 \text{ credits taught}}{647.5 \text{ faculty}} = 13.1$

    (b) Productivity ratio: the quotient obtained by dividing student semester hours (SSH) by FTE faculty,
    e.g. $\frac{229,573}{647.5} = 355$

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